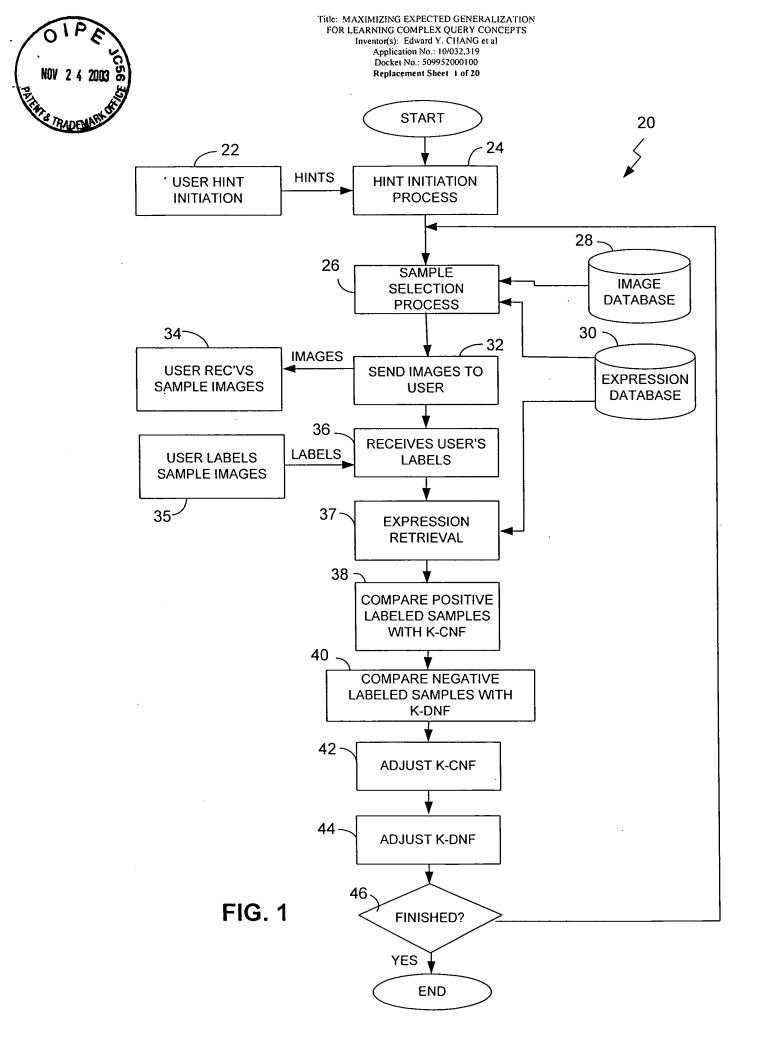
Amendments to the Drawings:

The attached replacement sheets of drawings include amendments to all of the original twenty sheets of drawings. They are attached hereto as **Appendix B** – Figures 1-20.

a





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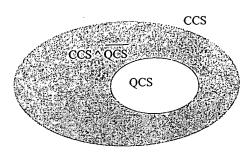


Figure 2: MEGA's Sampling Space: $CCS \land \overline{QCS}$.



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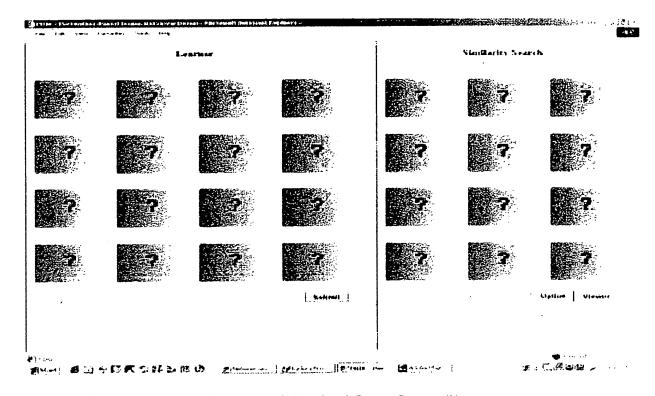


Figure 3: Wild Animal Query Screen #1.



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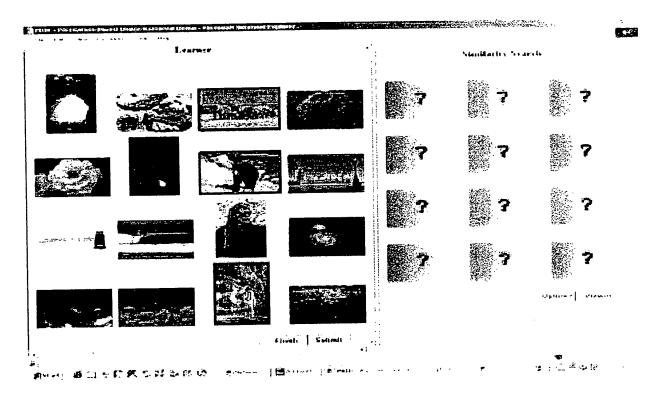


Figure 4: Wild Animal Query Screen #2.



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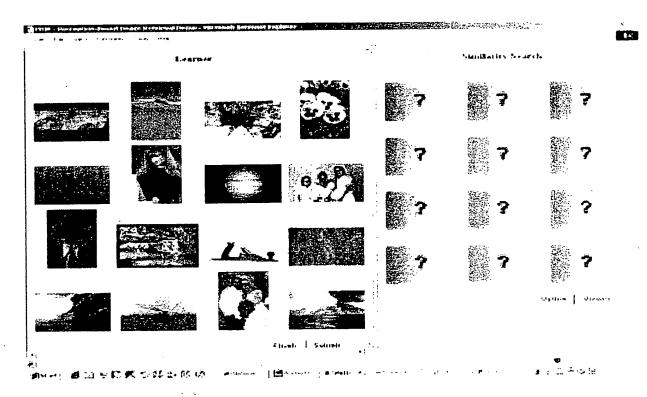


Figure 5: Wild Animal Query Screen #3.



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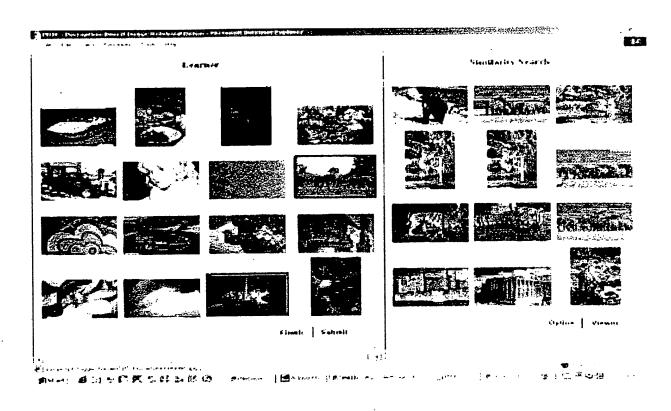


Figure 6: Wild Animal Query Screen #4.



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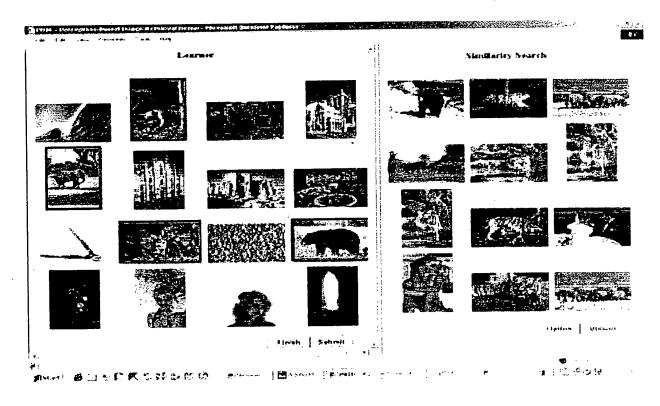


Figure 7: Wild Animal Query Screen #5.



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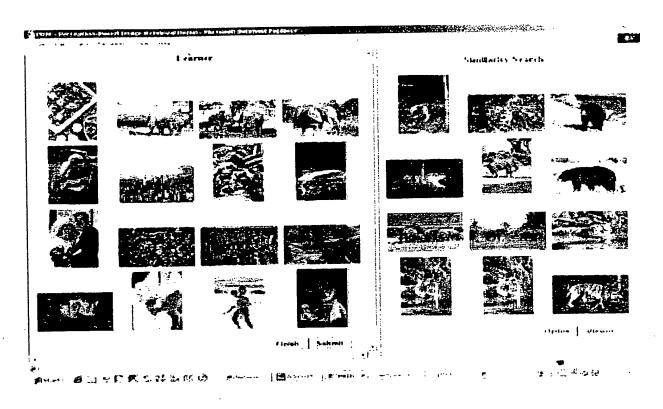


Figure 8: Wild Animal Query Screen #6.



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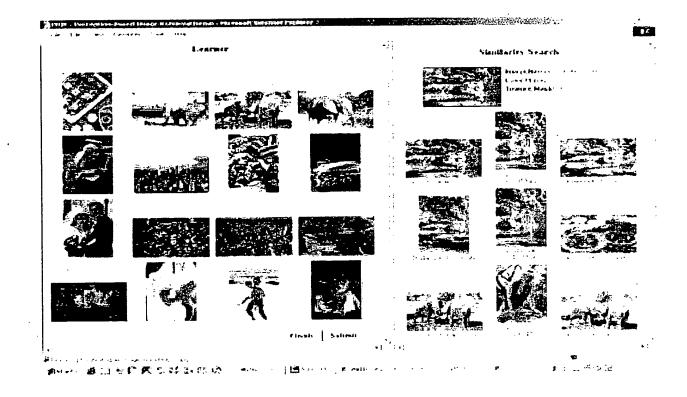


Figure 9: Wild Animal Similarity (Screen #7).



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Figure 10: Flowers and Tigers Sample Query Results from SVM Active.



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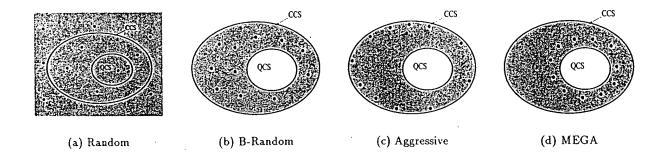
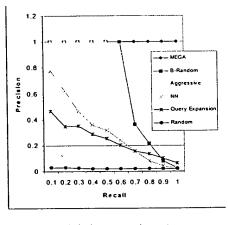
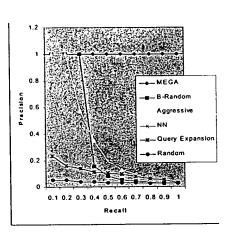


Figure 11: Sampling Schemes.



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(a) $(P_1 \vee P_2) \wedge P_3$

(b) Complex

Figure 12: Precision vs. Recall (10 Features).

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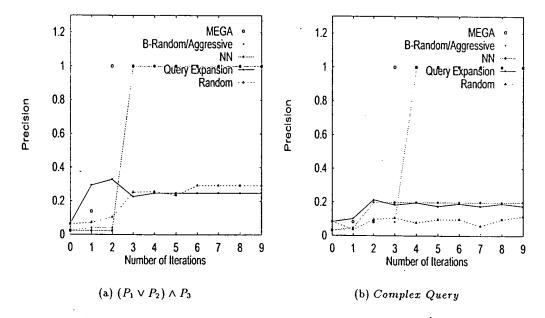
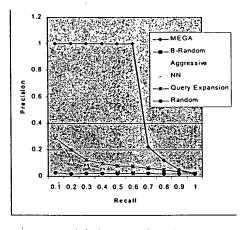
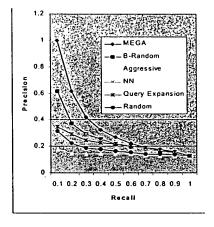


Figure 13: Precision of Six Schemes at Recall = 50%.



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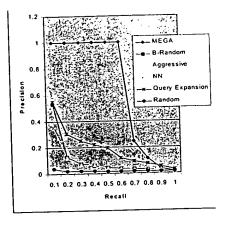
(a) $(P_1 \vee P_2) \wedge P_3$

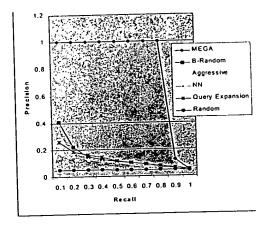
(b) Complex

Figure 14: Precision vs. Recall (20 Features).



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(a) $(P_1 \vee P_2) \wedge P_3$

(b) Complex

Figure 15: Precision vs. Recall (30 Features).

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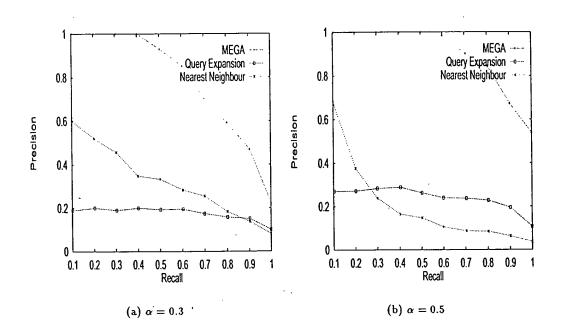


Figure 16: Recall vs. Precision (Model Bias Test).

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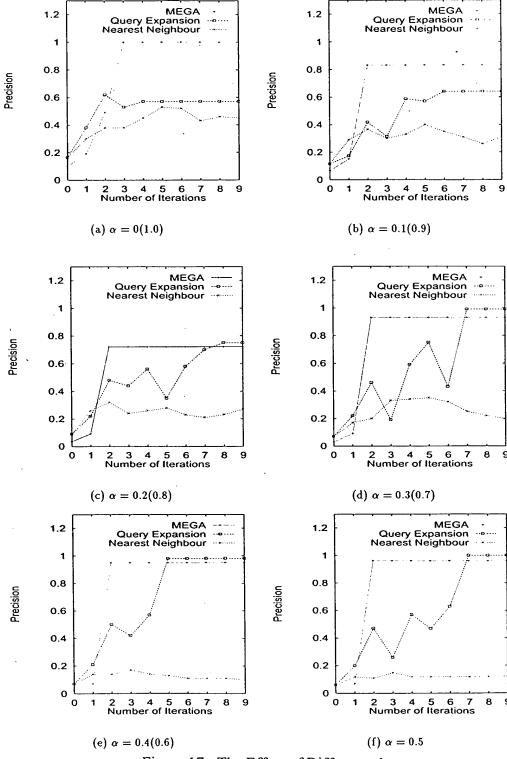


Figure 17: The Effect of Different α 's.

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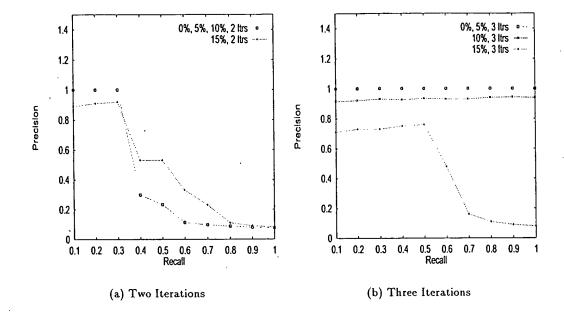


Figure 18: Precision/Recall Under 0%, 5%, 10% and 15% Noise.

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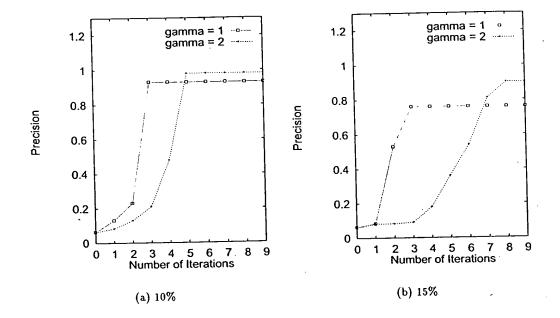


Figure 19: Effects of Noise.

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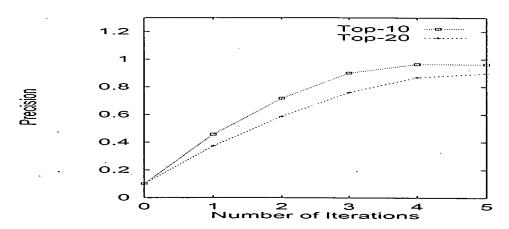


Figure 20: Average Precision of Top-10 and Top-20 Queries.

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